



Royal Purple, Ltd.

Material Safety Data Sheet

I.	Product Name: Barrier Fluid GT™ Chemical Family: Synthetic based lubricating oil Use: Lubricant and corrosion inhibitor Manufacturer: Royal Purple, Ltd. Address: 1 Royal Purple Lane, Porter, Texas 77365 USA Phone: 281-354-8600 Emergency Phone: 281-354-8600 Fax: 281-354-7600		Date Issued/Revised: May 14, 2002
II.	Components: • Base Oil (synthetic) — Synthetic additives with iso-paraffinic diluents. • The precise composition of this oil is proprietary. A more complete disclosure will be provided to a physician or nurse in the event of a medical emergency. • All components of this product are listed on the U.S. TSCA inventory. • This product contains no hazardous substances within the definition of OSHA Regulation 29 CFR 1910.1200. • Royal Purple certifies that this product has been evaluated for RCRA characteristics and does not meet the criteria of a hazardous waste if discarded in its purchased form.		
III.	Main Hazards / Health Effects: Eyes: May cause irritation. Inhalation: Oil mist may line breathing passages with oil making breathing difficult. Ingestion: May cause diarrhea. Skin: May irritate the skin after prolonged periods of contact.		
IV.	First Aid: Eyes: Flush with water until all residual material is gone. If irritation persists, seek medical help. Inhalation: Clear air passage. If respiratory difficulty continues, seek medical help. Ingestion: Wash out mouth immediately. Do not induce vomiting. Consult physician. Skin: Wash thoroughly with hand cleanser, followed by soap and water. Contaminated clothing should be dry cleaned before reuse.		
V.	Extinguishing Media: Suitable: Foam, dry powder, Halon®, carbon dioxide, sand, earth and water mist. Unsuitable: Water jet. Protective Equipment for Fire Fighting: Self-contained breathing apparatus.		
VI.	Accidental Release Measures: Personal Precautions: Wear gloves and protective overalls. Environmental Precautions: Do not allow it to enter drains. Spillage: Contain spill and keep from entering waterways. Absorb on porous material. Large quantities can be pumped.		
VII.	Handling and Storage: Handling: No special handling precautions necessary. Storage: Do not store at elevated temperatures.		
VIII.	Exposure Control / Personal Protection: Respiratory Protection: Hydrocarbon absorbing respirator if misting. Hand Protection: Oil-proof gloves for hypersensitive persons. Eye Protection: Glasses, if applied to parts in motion. Body Protection: Overalls.		
IX.	Physical and Chemical Properties:		
	Physical State: Liquid	Evaporation Rate (Butyl Acetate): Negligible	
	Color: Clear	Vapor Pressure (kPa): <0.01	
	Odor: Lube Oil	Percent Volatiles: None	
	pH: Neutral	Density (g/cm³): >0.79	
	Boiling Range / Point °F (°C): >625 (>328)	Flammability: Not flammable at ambient temp.	
	Pour Point °F (°C): -80 (-62)	OAR Value: UN	
	Flash Point (COC) °F (°C): >300 (>149)	Oxidizing Properties: None	
	Autoignition Temperature °F (°C): >600 (>315)	Water Solubility: Insoluble	
		Vapor Density: Greater than air	

- X. Stability and Reactivity:**
Stability: Chemically stable under normal conditions. No photoreactive agents.
Conditions to Avoid: Powerful sources of ignition and extreme temperatures.
Materials to Avoid: Strong inorganic and organic acids, oxidizing agents.
Hazardous Decomposition Products: Burning generates smoke, airborne soot, hydrocarbons and oxides of carbon, sulfur and nitrogen. Residue mainly comprised of soot and mineral oxides.
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- XI. Toxicological Information:**
Acute Toxicity: Not known
Irritancy-Skin: Very mild
Skin Sensitization: Not known
Subacute / Sub-chronic Toxicity: Not known
Genotoxicity: None known
Chronic Toxicity: None known
- California Prop 65:** N/A
Carcinogen: NTP: No
IARC: No
OSHA: No
EC Classification (67 / 548 / EEC): No
LC-50: >2000mg/l - extrapolated from component data
LD-50: Not applicable
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- XII. Ecological Information:**
Possible Effects: In extreme cases, may germinate oil fractions that could act as a marine pollutant. Occurrences of this nature are highly unlikely.
Behavior: Relatively well behaved. Bioaccumulation potential nil.
Environmental Fate: Due to its fluid nature and specific gravity, this product will float or spread across water making it a nuisance contaminant. It is not thought to be toxic to marine or land organisms.
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- XIII. Waste and Container Disposal:**
Waste Disposal: Consider recycling. This product, as sold, does not meet the RCRA characteristics of a hazardous waste. Under RCRA, it is the responsibility of the user, at the time of disposal, to determine whether the product meets the RCRA criteria for hazardous waste. Contact a waste disposal company or local authority for advice.
Container Disposal: See waste disposal section listed above.
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- XIV. Transport Information:**
DOT: Nonhazardous
UN No.: N/A
DOT: Nonhazardous
- Air Transport (ICAO, IATA):** Bulk Nonhazardous
Sea Transport (IMO, IMDG): Bulk Nonhazardous
Road and Rail Transport (ADR / RID): Bulk Nonhazardous
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- XV. Regulatory Information:**
Labeling Information: None needed
EC Annex 1 Class.: N/A
R Phrases: N/A
SARA 311 / 312: None
S Phrases: S-3 keep cool, S-16 keep away from ignition sources
Ozone Depleting Chemicals: N/A
- CERCLA:** Nonhazardous
TSCA: All components are listed
WHMIS (Canada): Not regulated
Canadian DSL: All components are listed
40 CFR Part 372 (SARA Section 313): N/A
RCRA Hazard Class: Nonhazardous
TSCA 12B Components: None
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- XVI. Other Information:**

Signature: _____

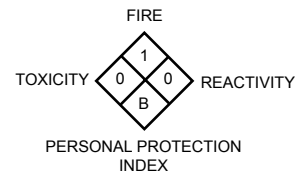
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LEGEND

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- II. Composition Information on Ingredients
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NFPA SYMBOL**HMIS SYMBOL**

HEALTH	0
FLAMMABILITY	1
REACTIVITY	0
PPI	B